



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN: PCN203901

Date: September 29, 2020

Subject: Qualification of Fab 25 as an Alternate Wafer Fab Site for Automotive-Grade 4Kb, 16Kb and 64Kb F-RAM Products

Change Type: Major

Description of Change:

Cypress announces the qualification of Fab 25 (5204 East Ben White Boulevard, Austin, TX78741, USA) as an alternate wafer fab site for automotive-grade 4Kb, 16Kb and 64Kb F-RAM products. The new automotive-grade 4Kb, 16Kb and 64Kb F-RAM products are form, fit and function compatible with the current automotive-grade 4Kb, 16Kb and 64Kb F-RAM products manufactured at Global Foundries. There will be no change to the existing marketing part numbers.

Benefit of Change:

Qualification of alternate manufacturing sites and technologies is part of Cypress' ongoing flexible manufacturing initiative. The goal of the flexible manufacturing initiative is to provide the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

Part Numbers Affected: 60

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new parts that are introduced after the publication of this PCN will include all changes outlined in this

Qualification Status:

This wafer fab site has been qualified through a series of tests documented in the Qualification Test Plan QTP#192309. This qualification report can be found as an attachment to this PCN or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Sample Status:

Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated Wafer Fab site sample ordering part numbers. Samples are available now unless there is an indication that the sample ordering part numbers are subject to lead times. If you

require qualification samples, please contact your local Cypress sales representative as soon as possible, preferably within 30 days of the date of this PCN, to place any sample orders.

Approximate Implementation Date:

Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of Commercial, Industrial and Automotive non-PPAP part numbers in the attached file will be supplied from Fab 25 or other approved wafer fabrication sites.

For Automotive PPAP part numbers this change will be effective upon customer approval.

Anticipated Impact:

Products fabricated at the new site are completely compatible with existing products from form, fit, functional, parametric and quality performance perspectives.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

Method of Identification:

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

Response Required:

No response is required.

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration

Item Marketing Part Number

1 8909002528
2 00003507491
3 A2C03241800
4 A2C03250200
5 A2C03250100
6 A2C03250300
7 A2C03243700
8 A2C03241900
9 51-39192Z01
10 00003459292
11 CY15B004J-SXA
12 CY15B004J-SXAT
13 CY15B004J-SXE
14 CY15B004J-SXET
15 CY15B004Q-SXA
16 CY15B004Q-SXAT
17 CY15B004Q-SXE
18 CY15B004Q-SXET
19 CY15B016J-SXA
20 CY15B016J-SXAT
21 CY15B016J-SXE
22 CY15B016J-SXET
23 CY15B016Q-SXA
24 CY15B016Q-SXAT
25 CY15B016Q-SXE
26 CY15B016Q-SXET
27 CY15B064J-SXA
28 CY15B064J-SXAT
29 CY15B064J-SXE
30 CY15B064J-SXET
31 CY15B064Q-SXA
32 CY15B064Q-SXAT
33 CY15B064Q-SXE
34 CY15B064Q-SXET
35 CY15E004J-SXA
36 CY15E004J-SXAT
37 CY15E004J-SXE
38 CY15E004J-SXET
39 CY15E004Q-SXA
40 CY15E004Q-SXAT
41 CY15E004Q-SXE
42 CY15E004Q-SXET
43 CY15E016J-SXA
44 CY15E016J-SXAT
45 CY15E016J-SXE

46 CY15E016J-SXET
47 CY15E016Q-SXA
48 CY15E016Q-SXAT
49 CY15E016Q-SXE
50 CY15E016Q-SXET
51 CY15E064J-SXA
52 CY15E064J-SXAT
53 CY15E064J-SXE
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